NOVEMBER/DECEMBER 2024

CECS64C— CLOUD COMPUTING

Time : Three hours Maximum : 75 marks

Shanmuga Industries Arts & Science College
T.V.Malai

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Outline the uses of cloud service.
2. Assess the role of public cloud systems.
3. Define SDLC.
4. How does multicore technology help cloud computing?
5. Write down the features of distributed computing.
6. What is EMC in cloud computing?
7. How does the Aneka cloud platform is used in cloud computing?
8. List down the core components of a data center.
9. Give the applications of autonomic computing.
10. Identify and name the security monitoring tools.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Give the advantages of cloud computing.

Or

(b) Explain components of cloud computing architecture with example.

12. (a) Give the advantages and disadvantages of data virtualization. Also give its uses and the tools available for data virtualization.

Or

(b) Identify the pros and cons of cloud application.

13. (a) Describe the sales force and how it is used in cloud computing.

Or

(b) Summarize VMware in cloud computing.

14. (a) Summarize the open source tools for IaaS.

Or

(b) What are the open source cloud technologies? Explain in detail.

15. (a) Discuss about cloud management tasks and its responsibilities.

Or

(b) Give the significance of security in cloud computing.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate the research issues in the cloud computing environment.

17. Discuss about SOA and cloud in detail.

18. Write about the mapping application and detail its techniques.

19. Justify the role of data centers in the cloud.

20. Explain in detail about advance cloud computing concepts.

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